| PATENT APPLICATION FEE DETERMINATION RECORD   |   |      |                                      |              |                                |                     |                  |                    |                  | iber                   |       |                     |                        |  |
|---|---|------|--------------------------------------|--------------|--------------------------------|---------------------|------------------|--------------------|------------------|------------------------|-------|---------------------|------------------------|--|
| Effective October 1, 2003   |   |      |                                      |              |                                |                     |                  | 10721669           |                  |                        |       |                     |                        |  |
| CLAIMS AS FILED - PART I (Column 1) (Column 2)  |   |      |                                      |              |                                |                     |                  | SMALL ENTITY OTHER |                  |                        |       |                     |                        |  |
| TOTAL CLAIMS  |   |      |                                      | 13           |                                |                     |                  |                    | RATE             | FEE                    | ]     | RATE                | FEE                    |  |
| FOR   |   |      |                                      | NUMBER FILED |                                | NUMBER EXTRA        |                  |                    | BASIC FEE 385.00 |                        | OR    | BASIC FEE           | 770.00                 |  |
| TOTAL CHARGEABLE CLAIMS   |   |      |                                      | 3 minus 20=  |                                | . 1                 | . 0              |                    | X\$ 9=           |                        | OR    | X\$18≃              |                        |  |
| INDEPENDENT CLAIMS  |   |      |                                      | 2"           | ninus 3 =                      | 0                   |                  |                    | X43=             |                        | OR    | X86±                |                        |  |
| MULTIP  | E DEPE  | NDEN | T CLAIM P                            | RESENT       |                                |                     |                  | 5                  |                  |                        | 1     | +290=               |                        |  |
| * If the difference in column 1 is less than zero, enter "0" in column 2  |   |      |                                      |              |                                |                     |                  | +145=              |                  | OR                     |       | ¥00                 |                        |  |
|   |   |      |                                      |              |                                |                     |                  | TOTAL              | L                | OR                     |       | 770                 |                        |  |
| CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)  |   |      |                                      |              |                                | L                   | SMALL            | ENTITY             | OR               | OTHER<br>SMALL!        |       |                     |                        |  |
| ATA   | 77  | RE   | LAIMS<br>MAINING<br>AFTER<br>ENDMENT |              | HIGH<br>NUM<br>PREVK<br>PAID   | BER                 | PRESENT<br>EXTRA |                    | RATE             | ADDI-<br>TIONAL<br>FEE |       | RATE                | ADDI-<br>TIONAL<br>FEE |  |
| Total Inde  |   | -/   | 2                                    | Minus        | -0                             |                     | = /              | П                  | X\$ 9=           |                        | OR    | X\$18=              |                        |  |
| Inde  | pendent   | . 7  | 2                                    | Minus        | *** (2                         | 3                   | =                |                    | X43=             |                        | OR    | X86=                |                        |  |
| <b>▼</b> FIRS   | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  |      |                                      |              |                                |                     | 1                | . 145-             |                  |                        | +290= |                     |                        |  |
|   |   |      |                                      |              |                                |                     |                  | +145=              |                  | OR                     | TOTAL |                     |                        |  |
|   |   |      |                                      |              |                                |                     |                  | •                  | ADDIT. FEE       |                        | OR    | ADDIT, FEE          |                        |  |
| <u> </u>  |   |      | Diumn 1)                             |              | (Colur<br>HIGH                 |                     | (Column 3)       | <b>1</b>           |                  | ADDI-                  |       |                     | ADDI-                  |  |
| Total Total Inde  | 140   |      | MAINING<br>AFTER<br>ENDMENT          |              | PREVIO<br>PAID                 | DUSLY               | PRESENT<br>EXTRA |                    | RATE             | TIONAL<br>FEE          |       | RATE                | TIONAL<br>FEE          |  |
| Total   |   | •    |                                      | Minus        | - 2                            | 1                   | •                |                    | X\$ 9=           |                        | OR    | X\$18=              |                        |  |
| Inde  | pendent   | ·    | 2                                    | Minus        |                                | 3_                  | <u> </u>         |                    | X43=             |                        | OR    | X86=                |                        |  |
| FIRS  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  |      |                                      |              |                                |                     |                  | 1                  | +145=            |                        | OR    | +290÷               |                        |  |
|   | •   |      |                                      |              |                                |                     |                  |                    | ATOTAL           |                        | OR    | TOYAL<br>ADDIT, FEE |                        |  |
| (Column 1) (Column 2) (Column 3)  |   |      |                                      |              |                                |                     |                  |                    |                  |                        |       |                     |                        |  |
| Total Total FIRS  | 18/05   | RE   | LAIMS<br>MAINING<br>VFTER<br>NOMENT  | ·            | HIGH<br>NUMI<br>PREVIO<br>PAID | EST<br>BER<br>OUSLY | PRESENT<br>EXTRA |                    | RATE             | ADDI-<br>TIONAL<br>FEE |       | RATE                | ADDI-<br>TIONAL<br>FEE |  |
| Total   |   | ٠    | 13                                   | Minus        | - 2                            | ง                   | • —              | $\prod$            | X\$ 9=           | :                      | OR    | X\$18=              |                        |  |
| Inde  | endent  | •    | 1                                    | Minus        | ***                            | 3                   | •                | H                  | X43=             | ;                      | OR    | X86=                |                        |  |
| FIRS  | T PRESE   | NTAT | ON OF MI                             | JLTIPLE DE   | PENDENT                        | CLAIM               |                  | J                  | <del></del>      |                        |       | _                   |                        |  |
|   |   |      |                                      |              |                                |                     |                  | +145=              |                  | OR                     | +290= |                     |                        |  |
| ** If the 1   | "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ADDIT. FEE |      |                                      |              |                                |                     |                  |                    |                  |                        |       |                     |                        |  |
| The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |   |      |                                      |              |                                |                     |                  |                    |                  |                        |       |                     |                        |  |

## PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

| -   | <del></del>   |   |               | ober 1, 20                              |                    |                                 |            |                            | 10                    | 72         | 160                       | 09                     |
|---|---|---|---------------|---|--------------------|---------------------------------|------------|----------------------------|-----------------------|------------|---------------------------|------------------------|
|   | 0   |   |               | S FILED - PART I (Column 1) (Column 2)  |                    |                                 |            | SMALL ENTITY TYPE O        |                       |            | OTHER THAN R SMALL ENTITY |                        |
|   | TOTAL CLAIM   | S   | _             |   |                    | •                               | R.A        | TE                         | FEE                   |            | RATE                      | <del></del>            |
| F   | OR  |   | NUMBI         | ER FILED                                | NUN                | MBER EXTRA                      | BASI       | FEE                        | <del> </del>          |            |                           |                        |
| 7   | OTAL CHARGE   | EABLE CLAIMS                              | ,             | minus 20=                               | *                  |                                 | XS         | 0-                         | <u> </u>              | $\dashv$   | 1                         |                        |
| ١N  | DEPENDENT   | CLAIMS                                    |               | minus 3 =                               | *                  | ····                            | 1 <b> </b> |                            |                       | -\OF       | -                         | <del>- </del>          |
| М   | VLTIPLE DEPE  | ENDENT CLAIM                              | PRESENT       |   | L                  |                                 | X4         | 3=                         |                       | OF         | X86=                      |                        |
| •   | If the difference   | e in column 1 i                           | s less than   | less than zero, enter "0" in column 2   |                    |                                 | +14        | 5=                         |                       | OF         | +290=                     |                        |
|   |   |   |               |   |                    |                                 |            | AL                         |                       | OF         | TOTAL                     |                        |
|   | ·····   | (Column 1)                                | AMENDE        | MENDED - PART II (Column 2) (Column 3)  |                    |                                 |            | OTH<br>SMALL ENTITY OR SMA |                       |            |                           |                        |
| AMENDMENT A   | 5/18/2  | CLAIMS REMAINING AFTER AMENDMENT          |               | HIGHE<br>NUMB<br>PREVIO<br>PAID F       | EST<br>SER<br>USLY | PRESENT<br>EXTRA                | RAT        | T                          | ADDI-<br>TIONAL       | 7          | RATE                      | ADDI-<br>TIONAL        |
| MON   | Total   | . 12                                      | Minus         | ** 20                                   |                    | =                               | X\$ 9      |                            | FEE                   | 1_         | X\$18=                    | FEE.                   |
| ME  | Independent   | pendent * / Minus ***                     |               | }                                       | =                  | X43                             |            |                            | OR                    |            | <del> </del>              |                        |
| _   | FIRST PRES  | ENTATION OF M                             | ULTIPLE DI    | EPENDENT                                | CLAIM              | 1                               | _^43       | +                          | <del></del>           | OR         | X86=                      | <del> </del>           |
|   |   |   |               |   |                    |                                 | +145       | 1                          |                       | OR         | +290=                     |                        |
|   | ,   |   |               |   |                    |                                 |            | AL<br>EE                   |                       | OR         | TOTAL<br>ADDIT. FEE       |                        |
|   | · · · · · · · · · · · · · · · · · · ·   | (Column 1)                                | <del>i</del>  | (Columi                                 |                    | (Column 3)                      |            |                            |                       |            |                           |                        |
| AMENDMENT B   |   | REMAINING<br>AFTER<br>AMENDMENT           |               | PAID FO                                 | ER<br>JSLY         | PRESENT<br>EXTRA                | RATE       |                            | ADDI-<br>IONAL<br>FEE |            | RATE:                     | ADDI-<br>TIONAL<br>FEE |
|   | Total   | *   | Minus         | **                                      |                    | =                               | X\$ 9:     |                            |                       | OR         | X\$18=                    |                        |
| AM  | Independent   | *   | Minus         | ***                                     |                    | =                               | X43=       | N.                         |                       | OR         | X86=                      |                        |
|   | THEFT   | NTATION OF MU                             |               | PENDENT                                 | LAIM               |                                 | +145=      | $\dagger$                  |                       | T          | +290=                     |                        |
|   |   |   |               | ·                                       |                    |                                 | TOTA       | L -                        |                       | OR L       | TOTAL                     |                        |
|   |   | (Column 1)                                |               | (Column                                 | 2)                 | (Column 3)                      | ADDIT, FE  | E L                        |                       | Oh A       | DDIT. FEE                 |                        |
| בי  |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |               | HIGHES<br>NUMBEI<br>PREVIOUS<br>PAID FO | T<br>R<br>SLY      | PRESENT<br>EXTRA                | RATE       | Tie                        | DDI-<br>DNAL          | ſ          | RATE                      | ADDI-<br>TIONAL        |
| בֻ<br>בַּ   | Total   | *   | Minus         | **                                      |                    | =                               | X\$ 9=     | <del>  '</del>             | EE                    | ŀ          | VC40                      | FEE                    |
| 7 L   | Independent   |   | Minus ·       | ***                                     |                    | =                               |            | +                          | —— '                  | OR  <br> - | X\$18=                    |                        |
|   | FIRST PRESE   | NTATION OF MU                             | LTIPLE DEF    | PENDENT C                               | AIM                |                                 | X43=       | _                          | (                     | OR _       | X86=                      |                        |
| * If the entry in column 1 is less than the cataling action 2 |   |   |               |   |                    |                                 |            |                            |                       |            |                           |                        |
| 11  | If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." |   |               |   |                    |                                 |            |                            |                       |            |                           |                        |
| Ti  | ne *Highest Numb  | per Previously Paid                       | For (Total or | Independent)                            | is the h           | 3, enter -3<br>nighest number i |            |                            | iate box i            | n colum    | ın 1.                     |                        |